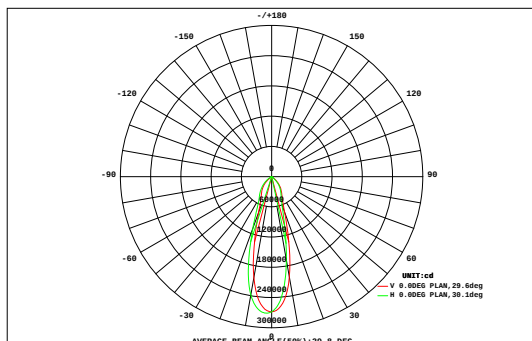


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:232.3V I:3.431A P:779.9W PF:0.9796 Lamp Flux:130395x1 lm		
NAME: Integrasport 800W 3000K 30gr	TYPE: ITSP800303000	WEIGHT:19KG
SPEC.:	DIM.: 801*391*160mm	SERIAL No.:1
MFR.: Integratech.:	SUR.:570*285mm	PROTECTION ANGLE:



DATA OF LAMP		Eff:167.20lm/W	
MODEL	800W	Imax(cd)	271093
NOMINAL POWER(W)	800	AVAILABILITY(%)	81.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	106582
NOMINAL FLUX(lm)	130395	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	130395
TEST VOLTAGE(V)	220	θ @50%(H,V)	30,30DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.17	0.79	2.07	4.24	7.18	10.5	13.2	14.8	15.8	15.8	14.8	13.2	10.5	7.29	4.36	2.13	0.80	0.17	138	0.00
90	0.22	1.43	4.56	10.3	18.2	27.1	34.8	39.1	41.9	41.9	39.0	34.7	27.3	18.6	10.7	4.76	1.49	0.22	356	0.00
80	0.26	2.07	7.05	16.3	29.2	43.8	56.3	63.3	68.0	68.1	63.2	56.2	44.1	29.8	17.0	7.40	2.18	0.27	575	0.00
70	0.35	3.14	11.0	25.6	44.1	60.0	73.1	87.6	108	108	87.2	72.9	59.9	44.2	26.0	11.3	3.23	0.35	826	0.00
60	0.49	4.66	16.5	37.3	57.1	95.3	218	327	398	397	326	218	96.7	56.6	37.2	16.7	4.73	0.47	2308	0.00
50	0.64	6.29	22.3	45.3	85.3	267	540	758	878	876	751	533	263	83.1	44.9	22.2	6.22	0.59	5181	1944
40	0.77	7.74	27.2	49.4	173	528	864	1158	1371	1365	1146	853	519	172	48.8	26.8	7.60	0.68	8316	6663
30	0.85	8.74	30.2	55.7	302	709	1127	1824	2908	2895	1805	1113	698	297	55.5	29.8	8.63	0.76	13869	12589
20	0.87	9.23	31.5	69.1	379	812	1384	3271	6333	6343	3287	1376	804	374	69.6	31.2	9.25	0.82	24585	23449
10	0.85	9.23	31.8	73.8	397	841	1476	3864	7346	7341	3898	1481	837	395	75.0	31.8	9.44	0.85	28109	27002
0	0.80	8.78	30.9	64.1	356	783	1293	2604	4824	4808	2619	1297	781	356	65.6	31.2	9.14	0.85	19932	18779
-10	0.73	8.03	28.8	53.0	254	654	1040	1500	2046	2049	1507	1039	653	258	53.8	29.3	8.48	0.83	11182	9836
-20	0.66	7.00	25.1	50.0	136	441	770	1042	1223	1222	1038	766	440	135	50.4	25.9	7.53	0.79	7381	5488
-30	0.64	5.73	20.4	45.2	72.4	198	419	633	748	747	631	418	202	73.8	46.1	21.5	6.40	0.76	4288	833
-40	0.63	4.44	15.4	35.1	59.0	79.7	153	256	310	309	254	151	80.6	59.9	36.3	16.3	5.05	0.75	1826	0.00
-50	0.60	3.39	11.0	24.6	43.8	62.7	74.3	81.4	88.3	88.0	81.2	74.2	63.4	44.9	25.7	11.8	3.90	0.71	784	0.00
-60	0.55	2.59	7.52	16.2	28.3	40.2	47.7	52.5	57.0	56.8	52.4	47.7	40.7	29.0	16.9	8.11	2.94	0.63	508	0.00
-70	0.50	1.80	4.10	7.78	12.8	17.7	21.2	23.6	25.7	25.6	23.5	21.2	18.0	13.1	8.12	4.38	1.98	0.55	232	0.00
-80	0.50	1.80	4.10	7.78	12.8	17.7	21.2	23.6	25.7	25.6	23.5	21.2	18.0	13.1	8.12	4.38	1.98	0.55	232	0.00
-90	0.50	1.80	4.10	7.78	12.8	17.7	21.2	23.6	25.7	25.6	23.5	21.2	18.0	13.1	8.12	4.38	1.98	0.55	232	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	10.6	95.1	327	683	2455	5669	9605	17597	28789	28756	17622	9566	5638	2448	692	332	99.0	11.11	130395	---
Φ a	0.00	0.00	0.00	0.00	0.00	3101	7601	15710	26977	26940	15721	7536	2995	0.00	0.00	0.00	0.00	0.00	---	106582

one-half-peak spread: U:16.0,D:14.3 , L:15.0,R:15.0

NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-1-5

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Test:U:232.3V I:3.431A P:779.9W PF:0.9796 Lamp Flux:130395x1 lm		
NAME: Integrasport 800W 3000K 30gr	TYPE: ITSP800303000	WEIGHT:19KG
SPEC.:	DIM.: 801*391*160mm	SERIAL No.:1
MFR.: Integratech.:	SUR.:570*285mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

1.1481e+005 lm

%lum = 88.0%

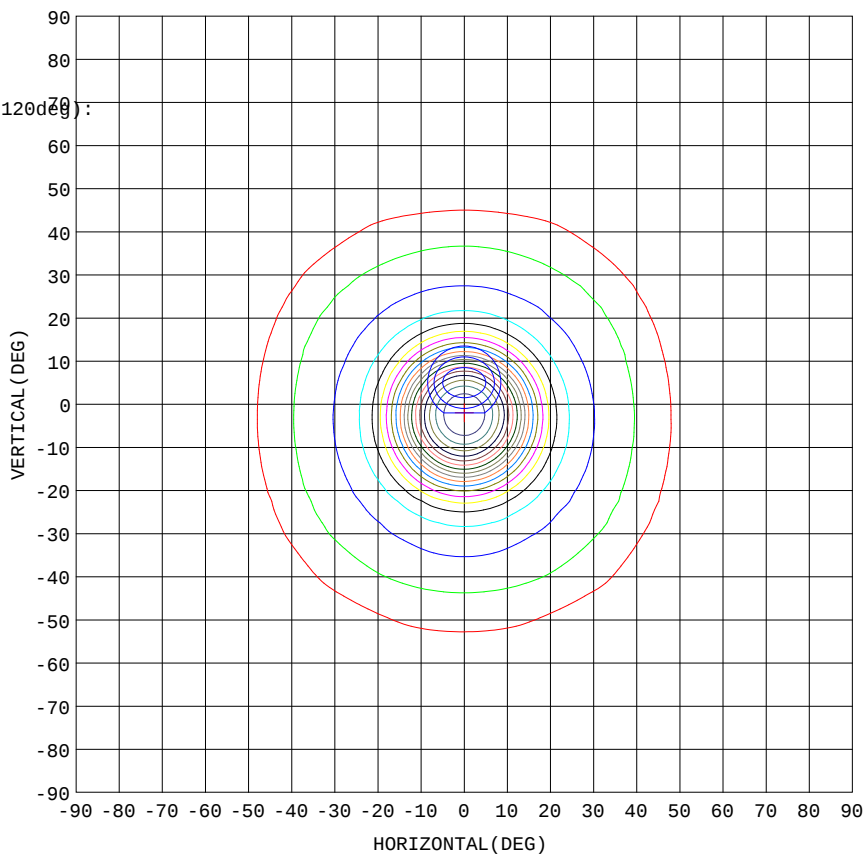
%lamp = 88.1%

Conical surface Flux(120deg):

1.2581e+005 lm

%lum = 96.5%

%lamp = 96.5%



1. AVG=229745, MIN=195890
2. AVG=221690, MIN=153317
3. AVG=211358, MIN=122541

Imax:271093(H0.0, V-2.0)

(At:C=90.0, Gamma=2.0)

UNIT: cd

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-1-5

V(B) Range:-90 - 90DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.290

Humidity:65.0%

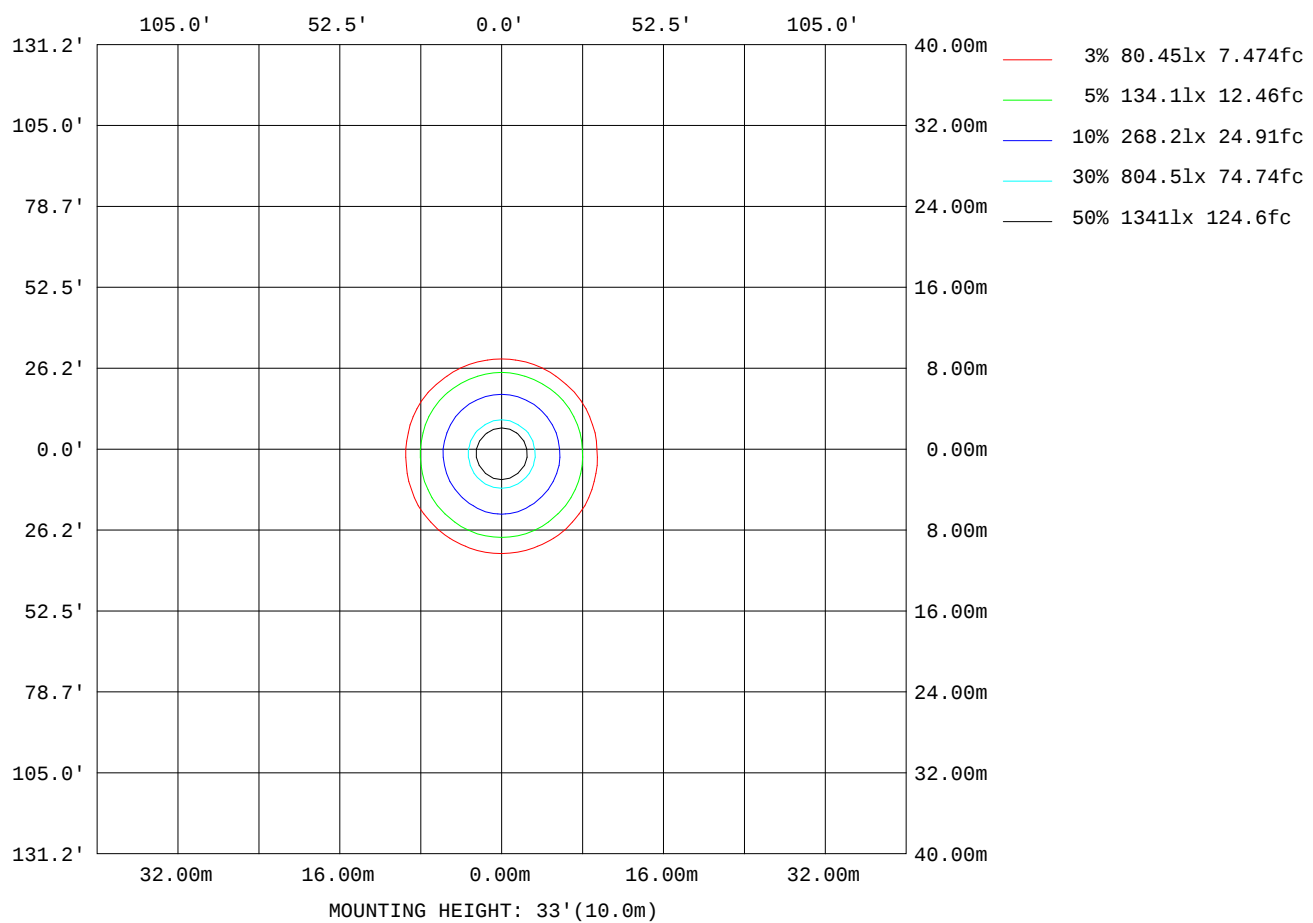
Test Distance:11.710m [K=1.0000]

Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

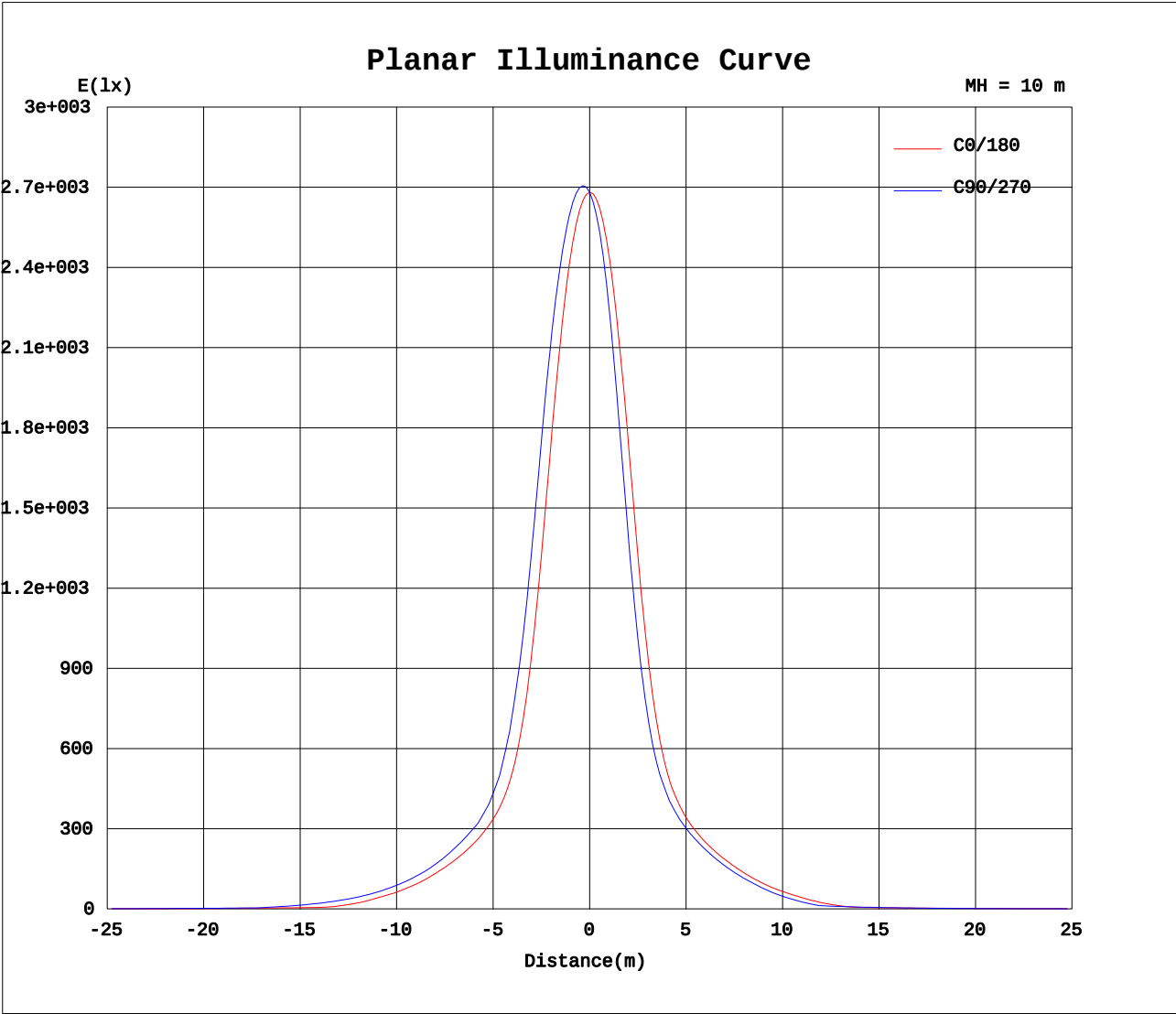
Test:U:232.3V I:3.431A P:779.9W PF:0.9796 Lamp Flux:130395x1 lm		
NAME: Integrasport 800W 3000K 30gr	TYPE: ITSP800303000	WEIGHT:19KG
SPEC.:	DIM.: 801*391*160mm	SERIAL No.:1
MFR.: Integratech.:	SUR.:570*285mm	PROTECTION ANGLE:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-1-5

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

Planar Illuminance Curve



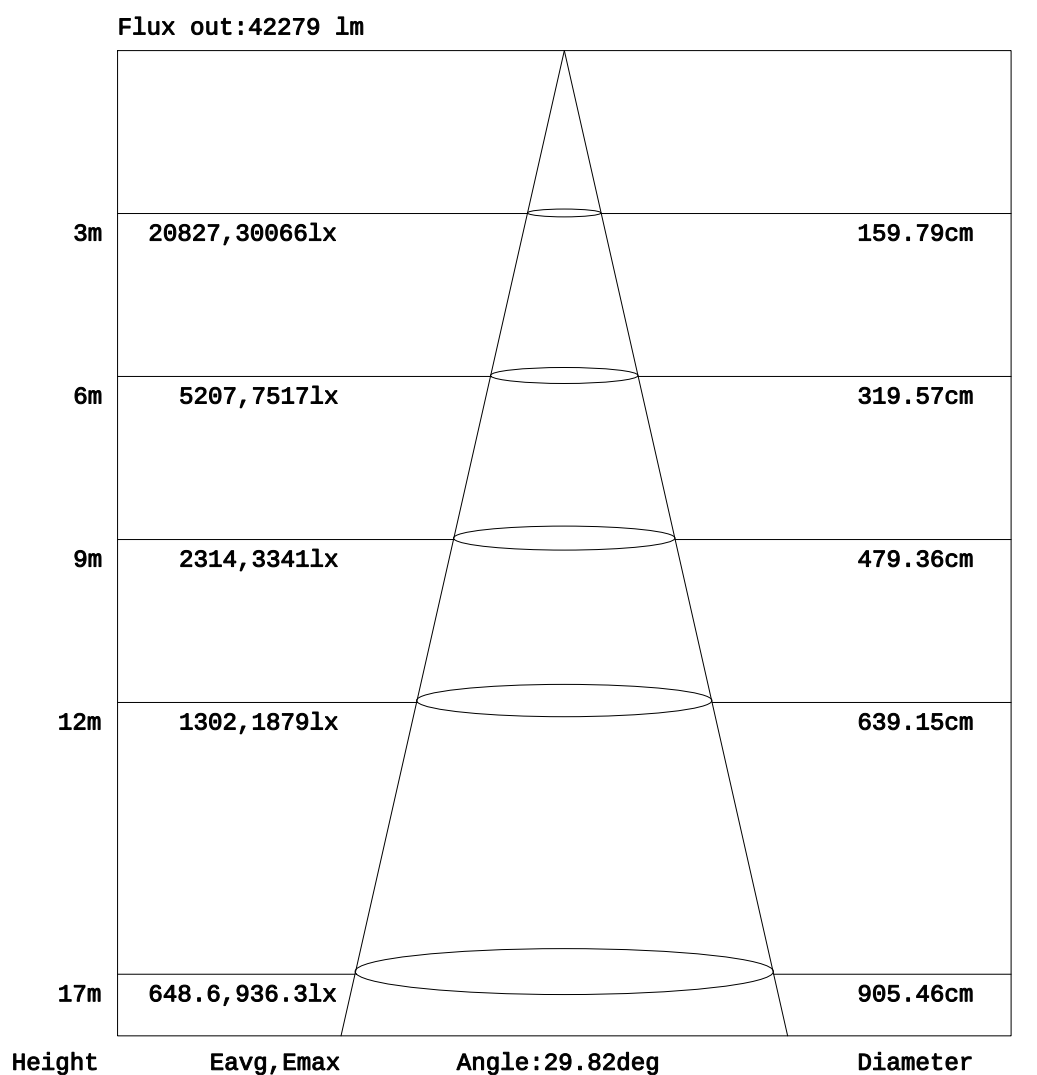
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-1-5

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:232.3V I:3.431A P:779.9W PF:0.9796 Lamp Flux:130395x1 lm		
NAME: Integrasport 800W 3000K 30gr	TYPE: ITSP800303000	WEIGHT:19KG
SPEC.:	DIM.: 801*391*160mm	SERIAL No.:1
MFR.: Integratech.:	SUR.:570*285mm	PROTECTION ANGLE:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-1-5

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks: